

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-664 REV. H AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D212-664 REV. 9

REF CANADIAN STC: SH01-9

REF FAA STC: SR01298NY

REF EASA STC: EASA.IM.R.S.01304

1.0 PURPOSE:

The purpose of this Dart Service Instruction is to amend Instructions for Continued Airworthiness, ICA-D212-664 at Rev. 9. It is acceptable to check the torque on the support clamps during the 2 Year Inspection instead of the 300 Hrs Inspection so long as the clamps have been lockwired in accordance with this Dart Service Instruction.

2.0 INSTALLATION PROCEDURE:

- 2.1 Remove landing gear as an assembly as per Section 32.1 of ICA-D212-664.
- 2.2 Check Torque on all MS21920 Support Clamps is between 80-100 in-lbs (9.0-11.3Nm).
- 2.3 Install 0.032" stainless steel lockwire on all MS21920 Support Clamps per AC43.13-1B Section 7 using Figure 1 of this Service Instruction as a guide.
- 2.4 Reinstall landing gear as an assembly per Section 32.2 of ICA-D212-664.

3.0 AFFECTED SECTIONS OF ICA-D212-664:

WAS (REF ICA-D212-664 Rev 9):

- 5.3.5 "Inspect the supports for evidence of moving, slipping, or fretting. The supports should be positioned on the crosstubes as shown in Figures 32-2 through 32-10 and/or Figure 32-12. If the supports have shifted, they should be re-installed per Section 32.4 or 32.5. Check that the torque on the attachment clamps is between 80-100 in-lb (9.0-11.3 Nm) per section 32.4. It is optional to reseal the edges of the supports with Sikaflex-241/291 or MIL-S-8802 Class B2 or Proseal 890 sealant."

IS:

- 5.3.5 "Inspect the supports for evidence of moving, slipping, or fretting. The supports should be positioned on the crosstubes as shown in Figures 32-2 through 32-10 and/or Figure 32-12. If the supports have shifted, they should be re-installed per Section 32.4 or 32.5. Inspect lockwire on the support clamp. If lockwire is broken, missing or loose, check torque on the clamps is between 80-100 in-lb (9.0-11.3 Nm) per section 32.4 and re-install lockwire in accordance with Dart Service Instruction, DSI 9726. It is optional to reseal the edges of the supports with Sikaflex-241/291 or MIL-S-8802 Class B2 or Proseal 890 sealant."

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 15.05.29
CERT. NO.: SH01-9
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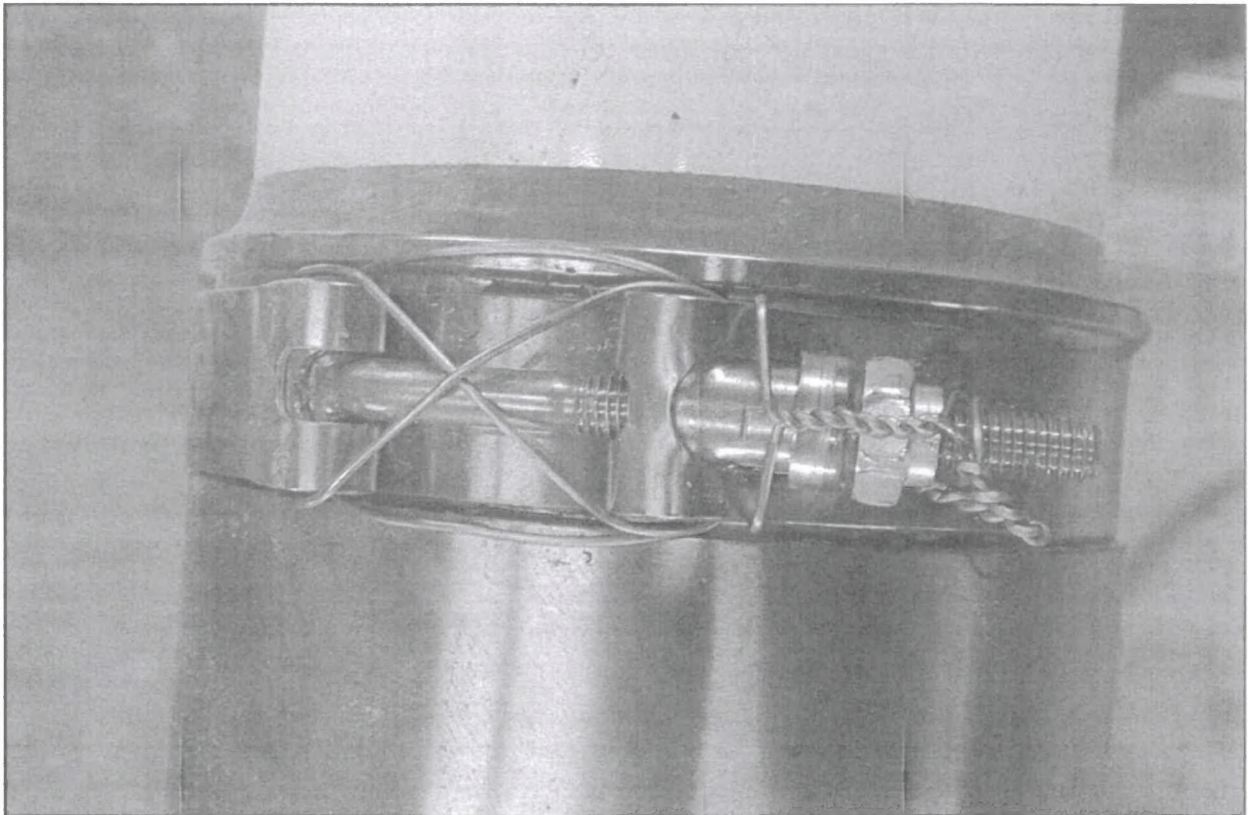




Figure 1 - Suggested MS21920-XX Clamp Lockwire Pattern

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